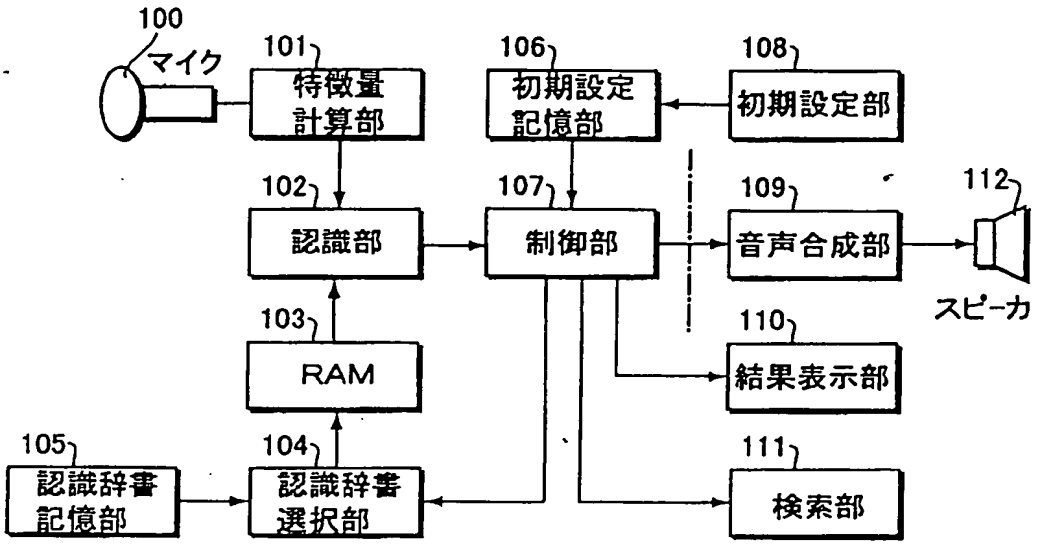
【書類名】　図面

【~~図1~~】

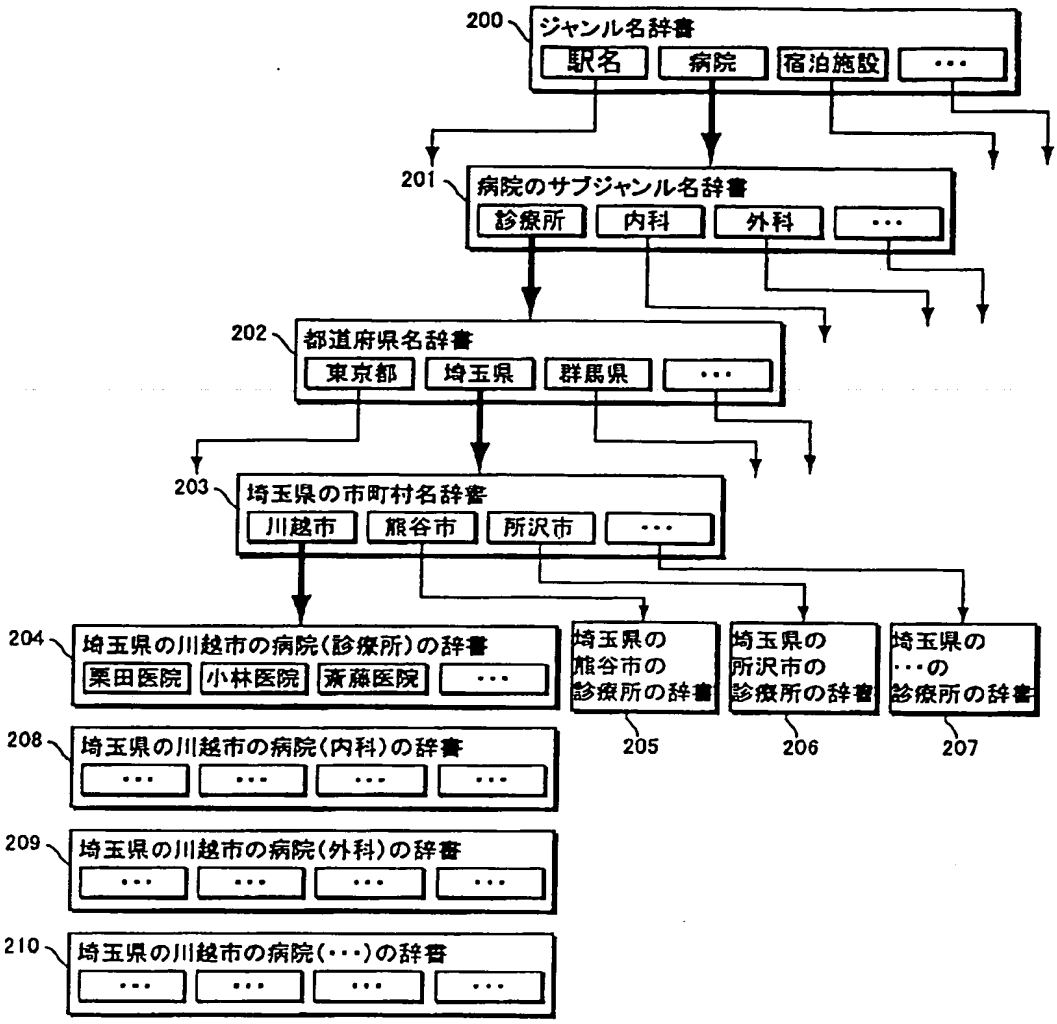
FIG. 1



T0+060 T0T+h960

{図2}

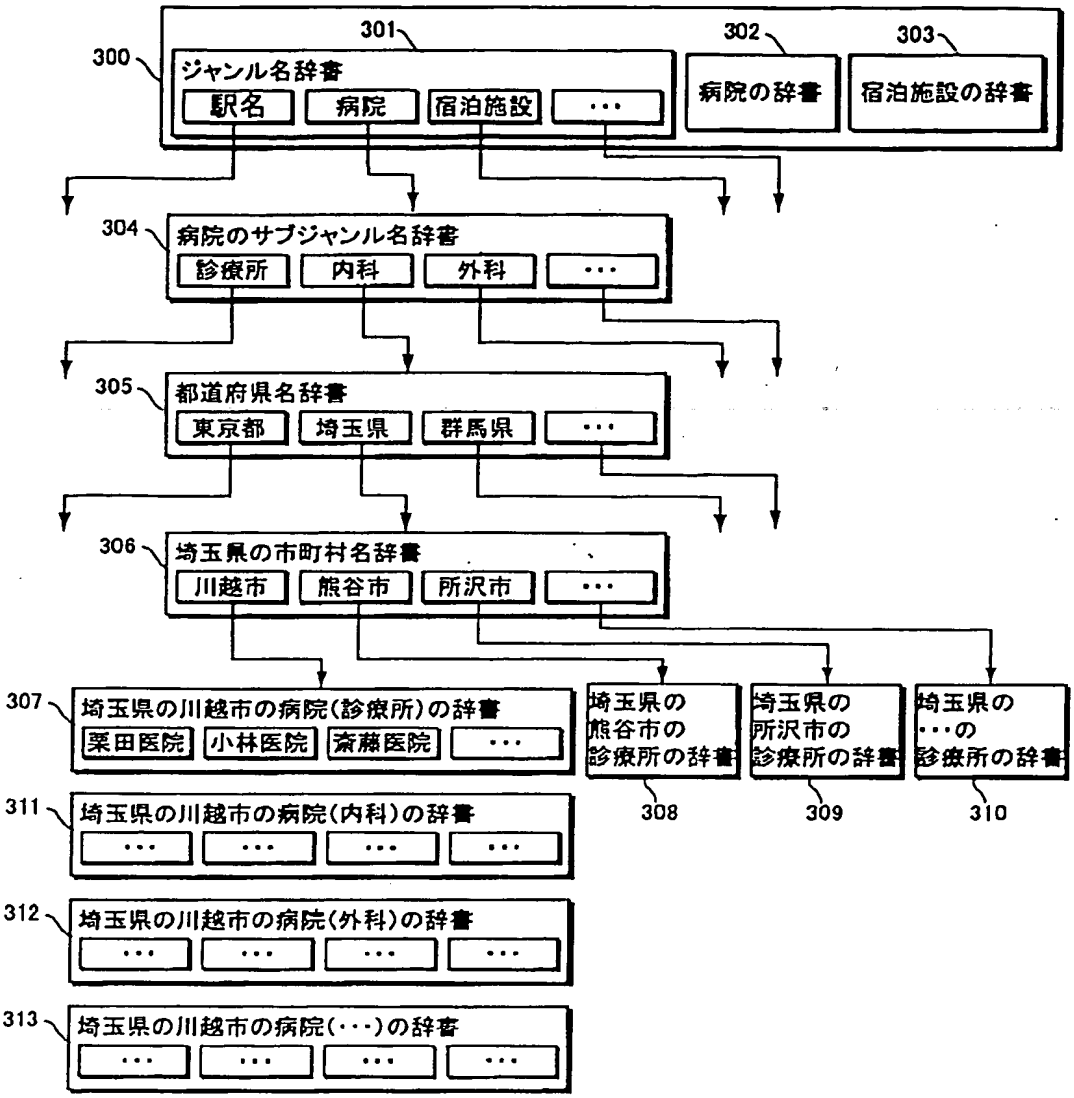
FIG. 2



Proof - 2000/09/05

【図3】

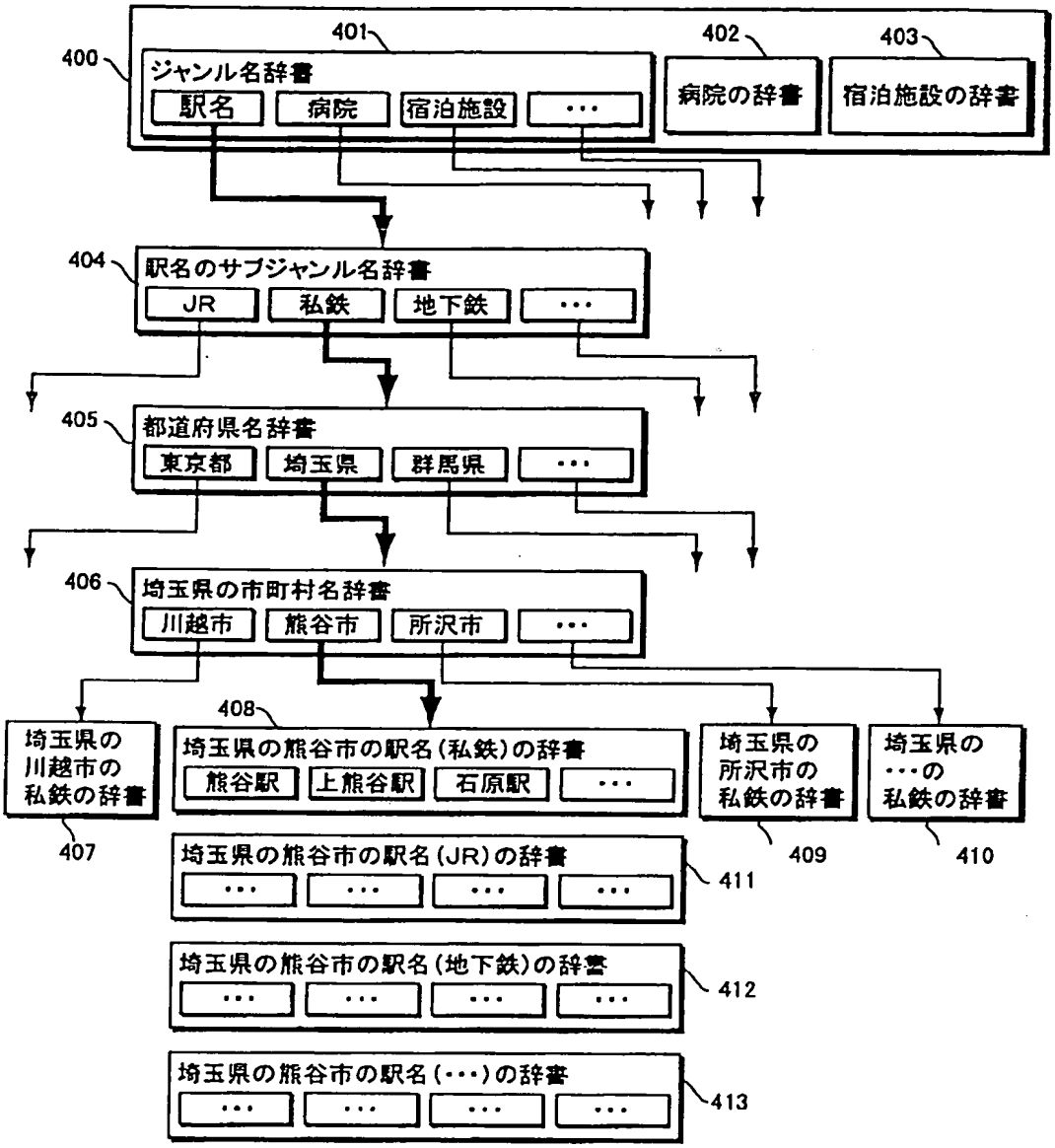
FIG. 3



Proof - 2000/09/05

【図4】

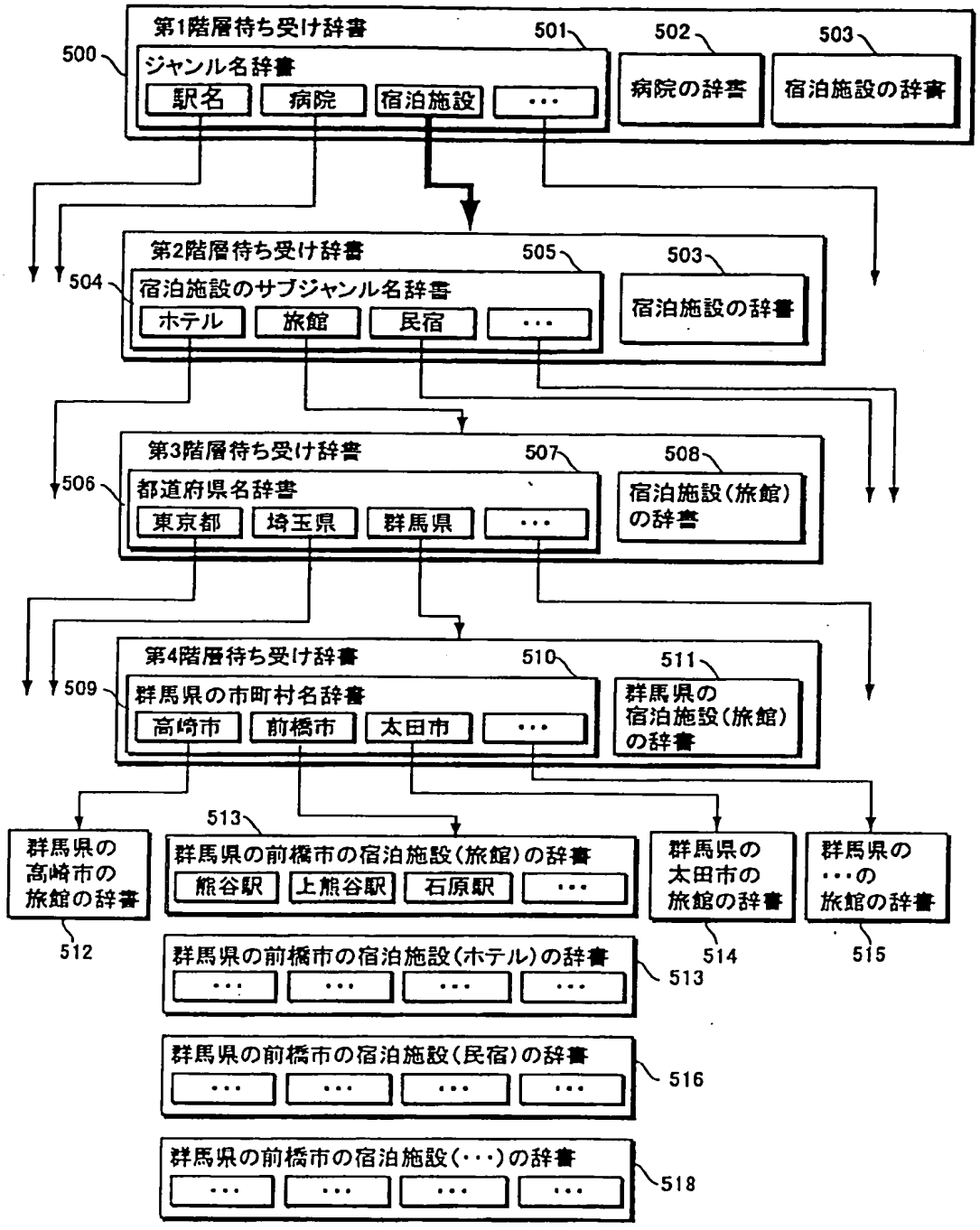
FIG. 4



Proof - 2000/09/05

【図5】

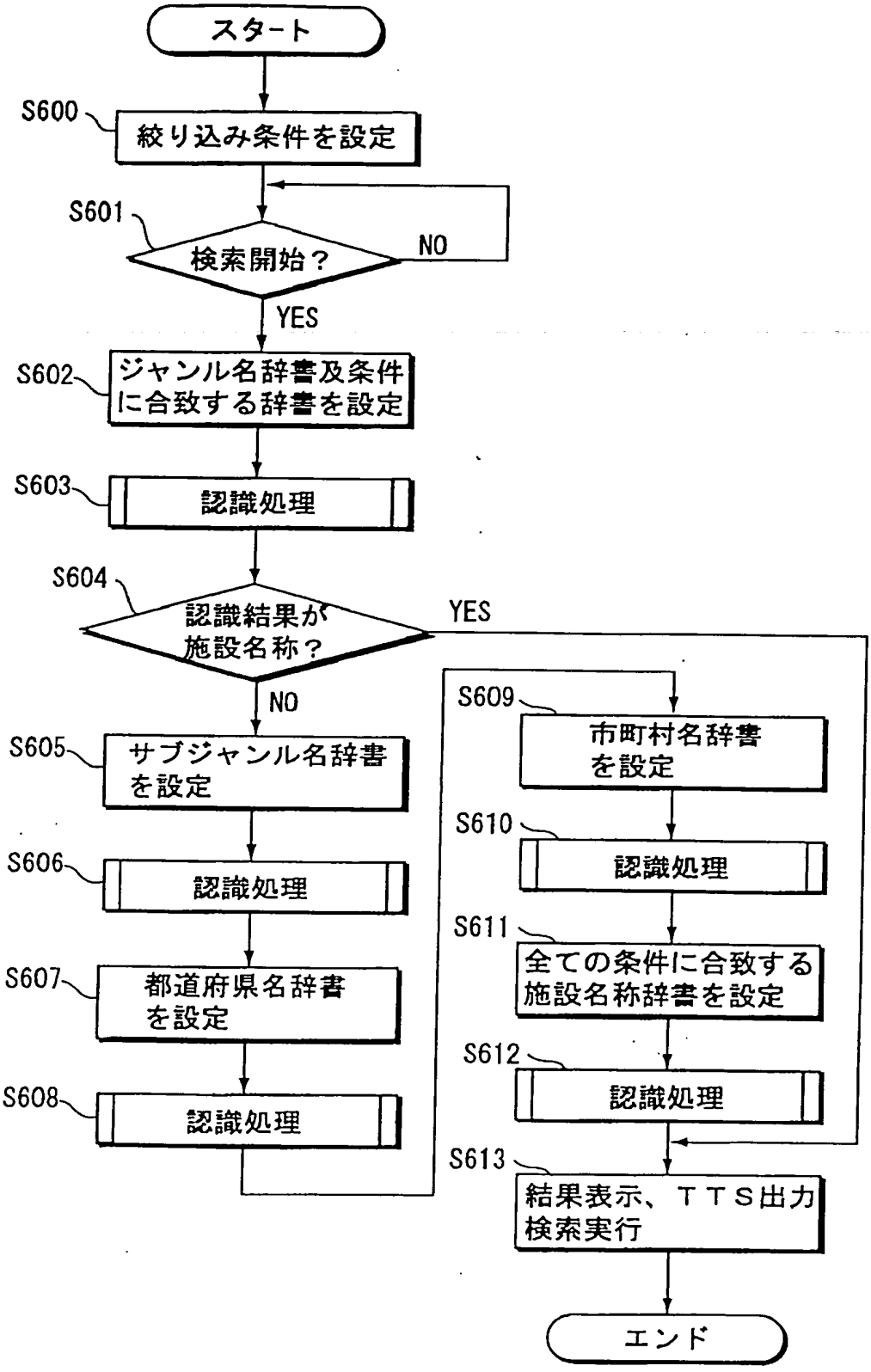
FIG. 5



Proof - 2000/09/05

【図6】

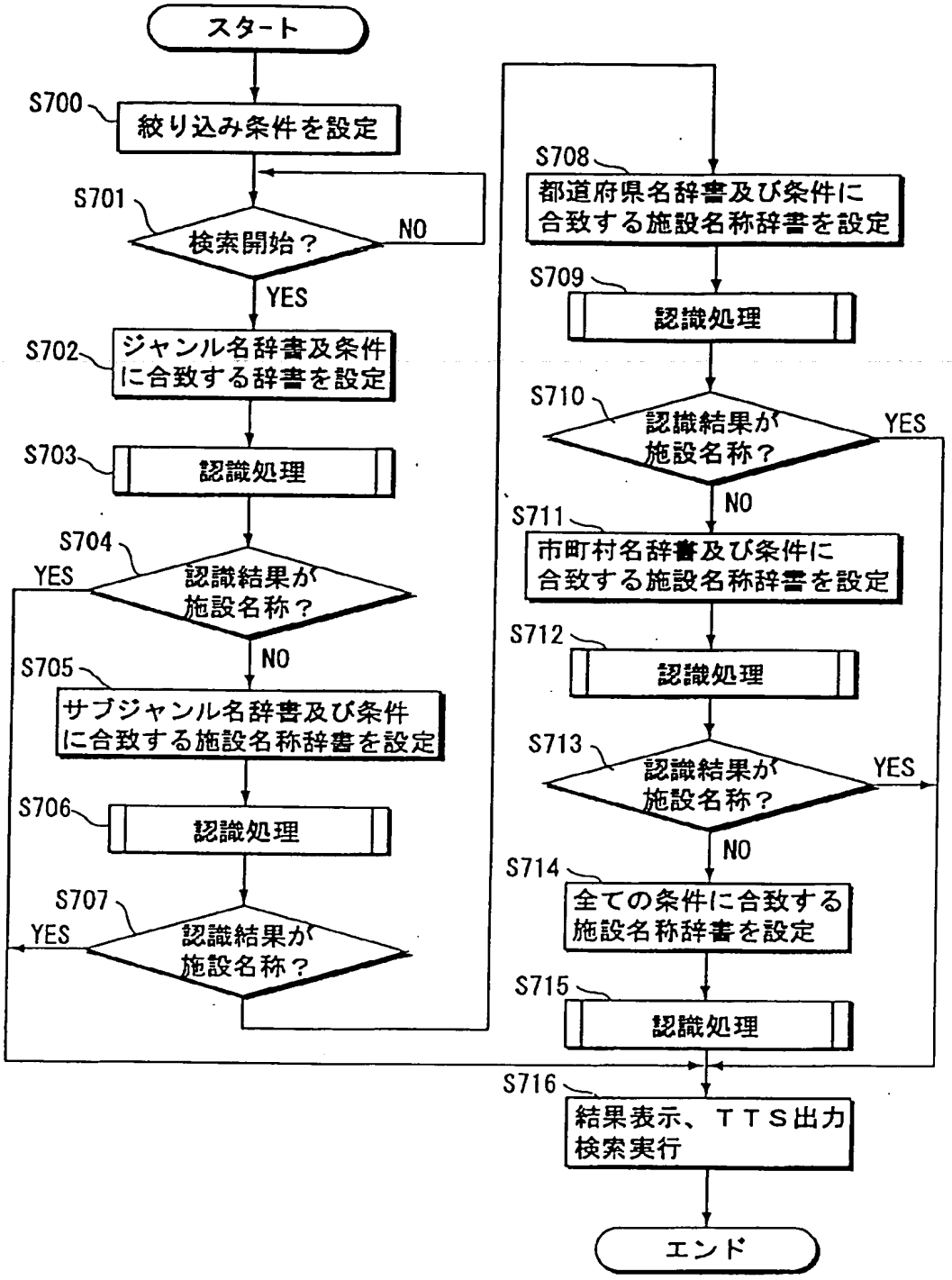
FIG. 6



Proof - 2000/09/05

【図7】

FIG.7



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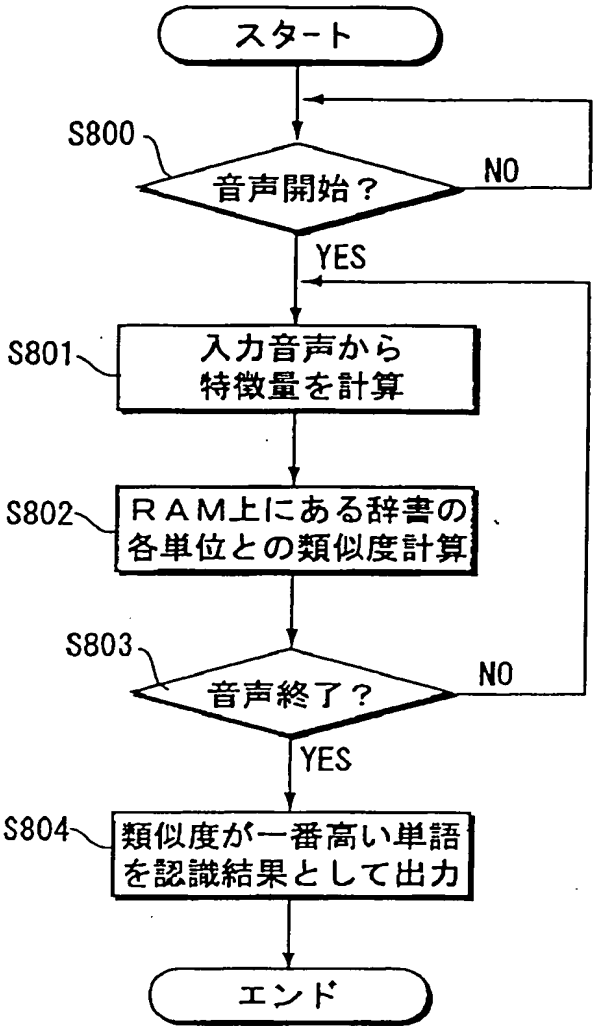
【図８】

FIG. 8



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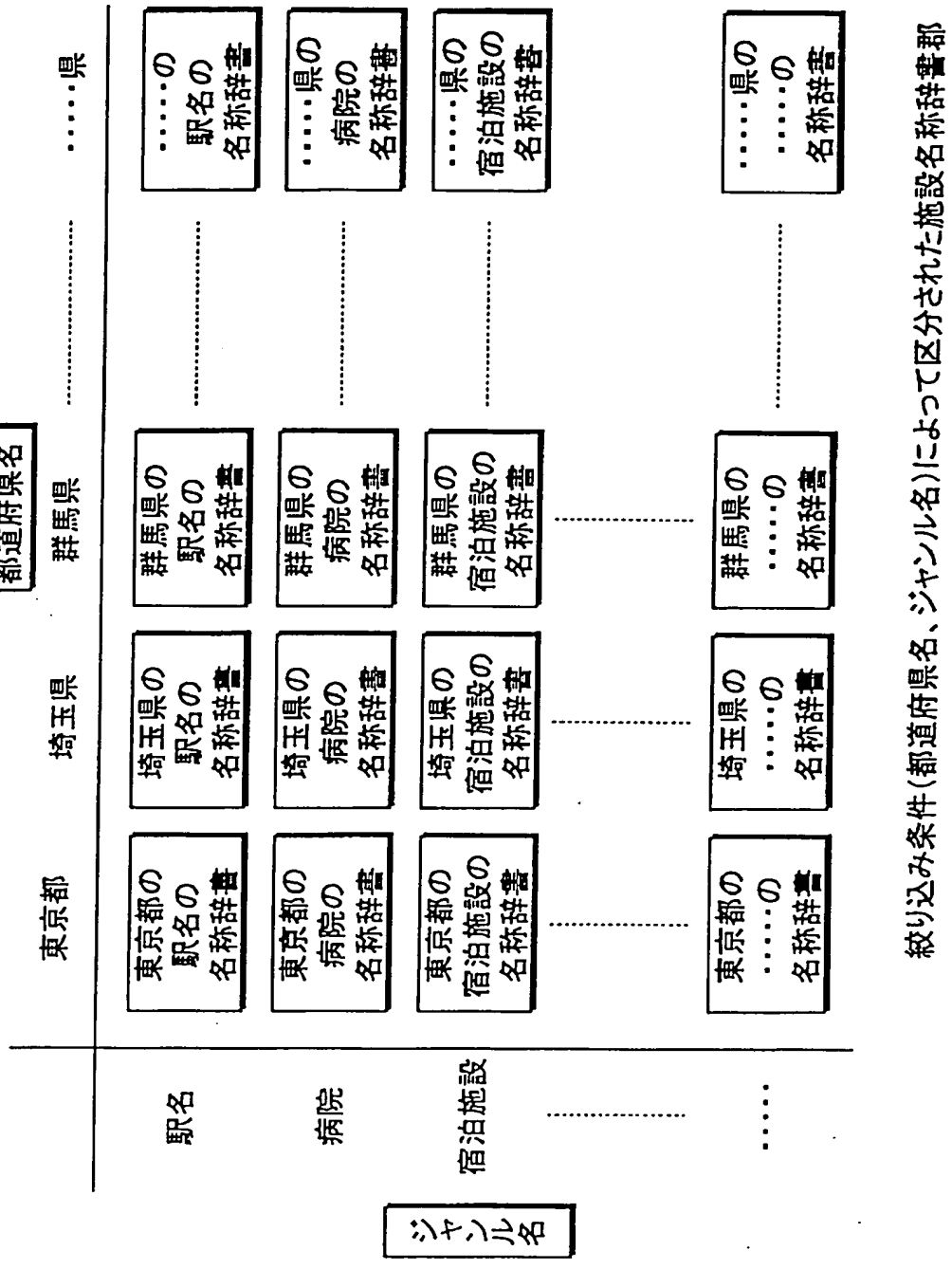
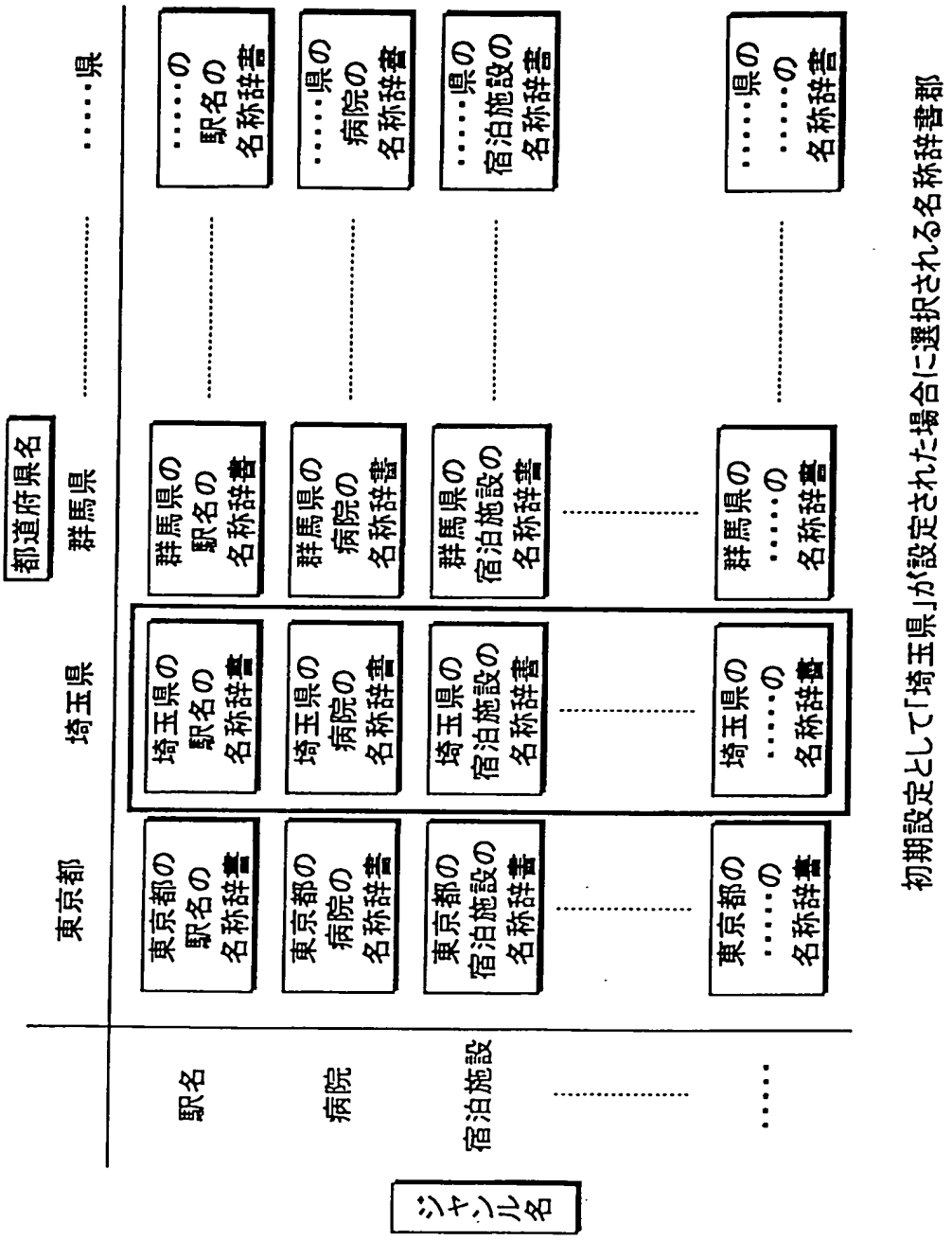
【図９】



絞り込み条件(都道府県名、ジャンル名)によって区分された施設名称辞書郡

FIG 9

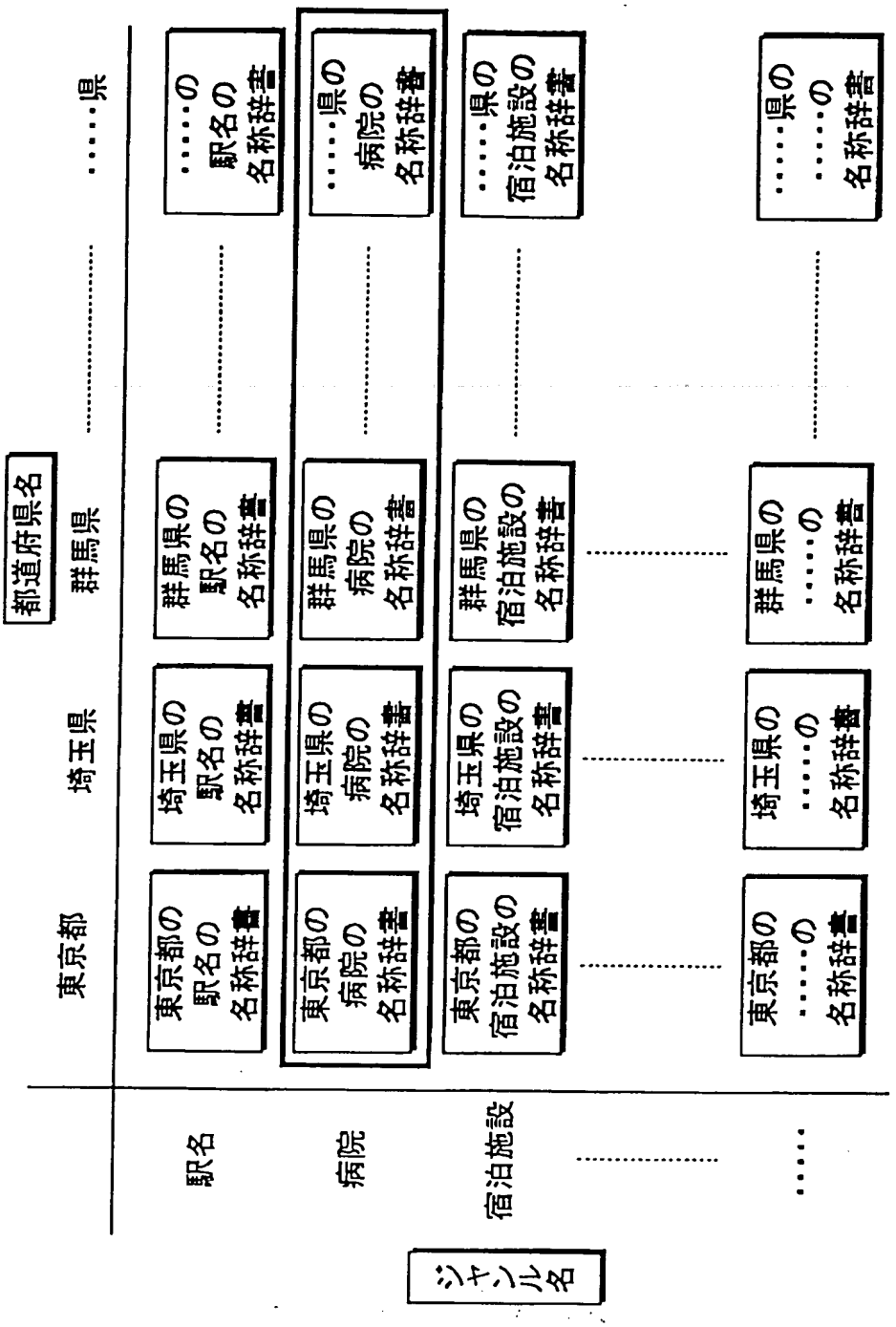
【図10】



初期設定として「埼玉県」が設定された場合に選択される名称辞書郡

FIG. 10

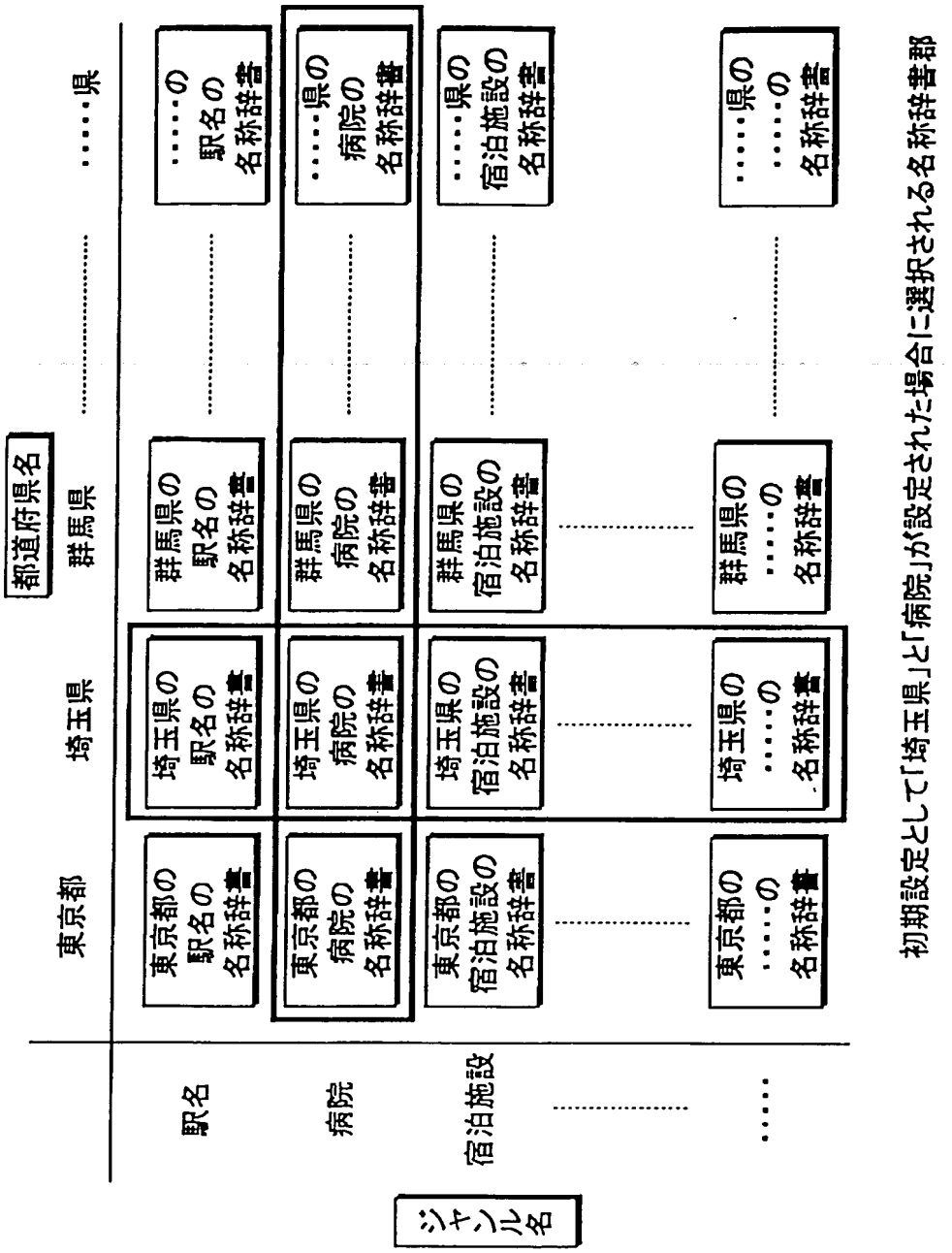
【図11】



初期設定として「病院」が設定された場合に選択される名称辞書郡

FIG. 11

[図１２]



初期設定として「埼玉県」と「病院」が設定された場合に選択される名称辞書郡

FIG. 12

【~~図１３~~】 FIG. 13

① システム：「ジャンルの名称をどうぞ」
② ユーザ：「教育施設」
③ システム：「次のジャンルの名称をどうぞ」
④ ユーザ：「高校」
⑤ システム：「都道府県名をどうぞ」
⑥ ユーザ：「東京都」
⑦ システム：「市区町村名をどうぞ」
⑧ ユーザ：「渋谷区」
⑨ システム：「名称をどうぞ」
システム：「○○学園」

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DRAWINGS

[FIG. 1]

100. MICROPHONE

101. CHARACTERISTIC VALUE CALCULATING SECTION

102. RECOGNIZING SECTION

104. RECOGNITION DICTIONARY SELECTING SECTION

105. RECOGNITION DICTIONARY STORING SECTION

106. INITIAL SETTING STORING SECTION

107. CONTROL SECTION

108. INITIAL SETTING SECTION

109. VOICE SYNTHESIZING SECTION

110. RESULT DISPLAY SECTION

111. RETRIEVING SECTION

112. SPEAKER

[FIG. 2], [FIG. 3], [FIG. 4]

200, 301, 401, 501. CATEGORY NAME DICTIONARY

STATION NAME, HOSPITAL, ACCOMMODATIONS

201, 304. HOSPITAL SUBCATEGORY NAME DICTIONARY

CLINIC, INTERNAL DEPARTMENT, SURGICAL DEPARTMENT

202, 305, 405, 507. PREFECTURAL NAME DICTIONARY

METROPOLIS OF TOKYO, SAITAMA PREFECTURE, GUNMA PREFECTURE

203, 306, 406. SAITAMA PREFECTURE MUNICIPALITY NAME DICTIONARY

KAWAGOE CITY, KUMAGAYA CITY, TOKOROZAWA CITY

204, 307. SAITAMA PREFECTURE KAWAGOE CITY HOSPITAL (CLINIC) DICTIONARY

DR. KURITA'S OFFICE, DR. KOBAYASHI'S OFFICE, DR. SAITO'S OFFICE

205, 308. SAITAMA PREFECTURE KUMAGAYA CITY CLINIC DICTIONARY

206, 309. SAITAMA PREFECTURE TOKOROZAWA CITY CLINIC DICTIONARY

207, 310. SAITAMA PREFECTURE SOMEWHERE CLINIC DICTIONARY

208, 311. SAITAMA PREFECTURE KAWAGOE CITY HOSPITAL (INTERNAL DEPARTMENT) DICTIONARY

209, 312. SAITAMA PREFECTURE KAWAGOE CITY HOSPITAL (SURGICAL DEPARTMENT) DICTIONARY

210, 313. SAITAMA PREFECTURE KAWAGOE CITY HOSPITAL (SO-AND-SO) DICTIONARY

[FIG. 3], [FIG. 4]

302, 402, 502. HOSPITAL DICTIONARY

303, 403, 503. ACCOMMODATIONS DICTIONARY

[FIG. 4]

404. STATION NAME SUBCATEGORY NAME DICTIONARY

JR, PRIVATE RAILROAD, SUBWAY

407. SAITAMA PREFECTURE KAWAGOE CITY PRIVATE RAILROAD DICTIONARY

408. SAITAMA PREFECTURE KUMAGAYA CITY STATION NAME (PRIVATE RAILROAD) DICTIONARY

KUMAGAYA STATION, KAMIKUMAGAYA STATION, ISHIWARA STATION

409. SAITAMA PREFECTURE TOKOROZAWA CITY PRIVATE RAILROAD DICTIONARY

410. SAITAMA PREFECTURE SOMEWHERE PRIVATE RAILROAD DICTIONARY

411. SAITAMA PREFECTURE KUMAGAYA CITY STATION NAME (JR) DICTIONARY

412. SAITAMA PREFECTURE KUMAGAYA CITY STATION NAME (SUBWAY) DICTIONARY

413. SAITAMA PREFECTURE KUMAGAYA CITY STATION NAME (SO-AND-SO) DICTIONARY

[FIG. 5]

500. FIRST HIERARCHY QUEUING DICTIONARIES

504. SECOND HIERARCHY QUEUING DICTIONARIES

505. ACCOMMODATIONS SUBCATEGORY NAME DICTIONARY HOTEL, JAPANESE-STYLE HOTEL, PRIVATE HOUSE PROVIDING BED AND MEALS

506. THIRD HIERARCHY QUEUING DICTIONARIES

508. ACCOMMODATIONS (JAPANESE-STYLE HOTEL) DICTIONARY

509. FOURTH HIERARCHY QUEUING DICTIONARIES

510. GUNMA PREFECTURE MUNICIPALITY NAME DICTIONARY TAKASAKI CITY, MAEBASHI CITY, OTA CITY

511. GUNMA PREFECTURE ACCOMMODATIONS (JAPANESE-STYLE HOTEL) DICTIONARY

Document ID: US 6,374,208 B1

512. GUNMA PREFECTURE TAKASAKI CITY JAPANESE-STYLE HOTEL DICTIONARY

513. GUNMA PREFECTURE MAEBASHI CITY ACCOMMODATIONS (JAPANESE-STYLE HOTEL) DICTIONARY

KUMAGAYA STATION, KAMIKUMAGAYA STATION, ISHIWARA STATION

513. GUNMA PREFECTURE MAEBASHI CITY ACCOMMODATIONS (HOTEL) DICTIONARY

514. GUNMA PREFECTURE OTA CITY JAPANESE-STYLE HOTEL DICTIONARY

515. GUNMA PREFECTURE SOMEWHERE JAPANESE-STYLE HOTEL DICTIONARY

516. GUNMA PREFECTURE MAEBASHI CITY ACCOMMODATIONS (PRIVATE HOUSE PROVIDING BED AND MEALS) DICTIONARY

518. GUNMA PREFECTURE MAEBASHI CITY ACCOMMODATIONS (SO-AND-SO) DICTIONARY

[FIG. 6]

START

S600, S700. SET NARROWING-DOWN CONDITION

S601, S701. IS RETRIEVAL STARTED?

S602, S702. SET DICTIONARY MATCHED WITH CATEGORY NAME DICTIONARY AND CONDITION

S603, S703. RECOGNITION PROCESS

S604, S704, S707, S710, S713. IS RESULT OF RECOGNITION INSTITUTIONAL NAME?

S605. SET SUBCATEGORY NAME DICTIONARY

S606, S706. RECOGNITION PROCESS

S607. SET PREFECTURAL NAME DICTIONARY

S608. RECOGNITION PROCESS

S609. SET MUNICIPALITY NAME DICTIONARY

S610, S709. RECOGNITION PROCESS

S611, S714. SET INSTITUTIONAL NAME DICTIONARY MATCHED WITH ALL CONDITIONS

S612, S712, S715. RECOGNITION PROCESS

S613, S716. DISPLAY RESULT, OUTPUT TTS AND EXECUTE RETRIEVAL

END

[FIG. 7]

START

S705. SET INSTITUTIONAL NAME DICTIONARY MATCHED WITH SUBCATEGORY NAME DICTIONARY AND CONDITION

S708. SET INSTITUTIONAL NAME DICTIONARY MATCHED WITH PREFECTURAL NAME DICTIONARY AND CONDITION

S711. SET INSTITUTIONAL NAME DICTIONARY MATCHED WITH MUNICIPALITY NAME DICTIONARY AND CONDITION

[FIG. 8]

START

S800. IS VOICE STARTED?

S801. CALCULATE CHARACTERISTIC VALUE BASED UPON INPUT VOICE

S802. CALCULATE SIMILARITY BETWEEN EACH UNIT IN DICTIONARY LOADED INTO RAM

S803. IS VOICE FINISHED?

S804. OUTPUT WORD SIMILARITY OF WHICH IS HIGHEST AS RESULT OF RECOGNITION

END

[FIG. 9], [FIG. 10], [FIG. 11], [FIG. 12]

CATEGORY NAME, STATION NAME, HOSPITAL, ACCOMMODATIONS

PREFECTURAL NAME, MEGALOPOLIS OF TOKYO, SAITAMA PREFECTURE, GUNMA PREFECTURE, SO-AND-SO PREFECTURE

TOKYO STATION NAME DICTIONARY

TOKYO HOSPITAL NAME DICTIONARY

TOKYO ACCOMMODATIONS NAME DICTIONARY

TOKYO SO-AND-SO NAME DICTIONARY

SAITAMA PREFECTURE STATION NAME DICTIONARY

SAITAMA PREFECTURE HOSPITAL NAME DICTIONARY

SAITAMA PREFECTURE ACCOMMODATIONS NAME DICTIONARY

SAITAMA PREFECTURE SO-AND-SO NAME DICTIONARY

GUNMA PREFECTURE STATION NAME DICTIONARY

GUNMA PREFECTURE HOSPITAL NAME DICTIONARY

GUNMA PREFECTURE ACCOMMODATIONS NAME DICTIONARY

GUNMA PREFECTURE SO-AND-SO NAME DICTIONARY

SO-AND-SO PREFECTURE STATION NAME DICTIONARY

SO-AND-SO PREFECTURE HOSPITAL NAME DICTIONARY

SO-AND-SO PREFECTURE ACCOMMODATIONS NAME DICTIONARY

Patent Office Translation

SO-AND-SO PREFECTURE SO-AND-SO NAME DICTIONARY

GROUP OF INSTITUTIONAL NAME DICTIONARIES CLASSIFIED ACCORDING TO NARROWING-DOWN CONDITION SUCH AS PREFECTURAL NAME AND CATEGORY NAME

[FIG. 10]

GROUP OF NAME DICTIONARIES SELECTED IN CASE SAITAMA PREFECTURE IS SET AS INITIAL SETTING

[FIG. 11]

GROUP OF NAME DICTIONARIES SELECTED IN CASE HOSPITAL IS SET AS INITIAL SETTING

[FIG. 12]

GROUP OF NAME DICTIONARIES SELECTED IN CASE SAITAMA PREFECTURE AND HOSPITAL ARE SET AS INITIAL SETTING

[FIG. 13]

1) SYSTEM: "PLEASE VOCALIZE CATEGORY NAME"

2) USER : "EDUCATIONAL INSTITUTION"

3) SYSTEM: "NEXT CATEGORY NAME, PLEASE"

4) USER : "HIGH SCHOOL"

5) SYSTEM: "PREFECTURAL NAME, PLEASE"

6) USER : "TOKYO"

7) SYSTEM: "MUNICIPALITY NAME, PLEASE"

8) USER : "SHIBUYA WARD"

9) SYSTEM: "NAME, PLEASE"

10) USER : "SO-AND-SO SCHOOL"